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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748,937	12/30/2003	David B. Rhoades	RPS920030166US1	1921
54161 7590 01/11/2007 LENOVO (UNITED STATES) INC. P.O. BOX 51418 PALO ALTO, CA 94303			EXAMINER YANCHUS III, PAUL B	
			ART UNIT	PAPER NUMBER
			2116	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/11/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/748,937	Applicant(s) RHOADES	
	Examiner Paul B. Yanchus	Art Unit 2116	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 October 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This final office action is in response to amendments filed on 10/16/06.

Terminal Disclaimer

The terminal disclaimer filed on 10/16/06 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of 10/748,898 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7 and 9-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Paul, US Patent no. 5,991, 875, in view of Cromer et al., US Patent no. 6,381,636 [Cromer]

Regarding claim 7, Paul discloses system for customizing a computer system, the system comprising:

a configuration mechanism installed on the computer system [configuration card, column 3, lines 37-45 and column 4, lines 1-6],

the configuration mechanism being programmed with configuration parameters corresponding to customization information specified in a customer order [column 3, lines 41-45 and column 5, lines 1-6],

Art Unit: 2116

wherein the computer system is configured to retrieve the configuration parameters from the configuration mechanism and to customize the computer system according to the configuration parameters [column 3, lines 28-35 and column 4, lines 20-25].

wherein the configuration mechanism allows a system administrator to manage the computer system remotely, independent of an on or off status of the computer system.

Paul does not disclose that a system administrator may manage the computer if the computer system is turned off. Cromer discloses a server that is capable accessing information in a remote client computer system which is turned off [column 3, lines 24-30]. It would have been obvious to one of ordinary skill in the art to modify the Paul to include the ability to access the computer system even though it is turned off in order to eliminate the need for a user to be present at the computer system during the customization.

Regarding claim 9, Paul discloses that the configuration mechanism may be manually programmed with the customization information at a distribution site [column 5, lines 2-5].

Regarding claim 10, Paul discloses that the card may be used to configure an operating system of the device [column 4, lines 20-25].

Regarding claim 11, Paul discloses that the configuration mechanism includes at least one communication port [communications interface, column 3, lines 37-41]. Paul is silent as to how the customization information is downloaded to the configuration mechanism. However, in order for the configuration information to be stored on the card the configuration information must be downloaded to the configuration mechanism from some sort of server device. Therefore, the configuration information in the Paul and Cromer system is inherently downloaded from a server to the configuration mechanism via a communication port.

Regarding claims 12 and 13, Paul and Cromer do not disclose that the configuration mechanism monitors the computer system components for potential problems and alerting a system administrator of events that could impact system operation. However, monitoring system components for problems and reporting potential problems to a system administrator is well known in the art. It would have been obvious to one of ordinary skill in the art to modify the Paul and Cromer system to include monitoring system components for problems and reporting potential problems to a system administrator in order to increase system reliability.

Regarding claim 14, Paul and Cromer do not disclose configuring one of a computer name, host IP address, host gateway or host subnet. However, those parameters are well known configurable parameters and it would have been obvious to one of ordinary skill in the art to allow the Paul and Cromer system to configure the well known configurable parameters.

Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Paul, US Patent no. 5,991, 875 and Cromer et al., US Patent no. 6,381,636 [Cromer], in view of Cepulis, US Patent no. 6,961,791.

Regarding claim 8, Paul and Cromer, as described above, discloses a configuration mechanism, which is configured to be plugged into a computer system, that stores customization information for the computer system. Paul does not disclose that the configuration mechanism is a PCI adapter. However, as shown by Cepulis, PCI adapters for storing configuration information for a computer system are well known in the art [column 2, lines 28-33 and column 3, lines 55-67]. It would have been obvious to one of ordinary skill in the art to implement the Paul configuration mechanism as a well known PCI adapter to increase the compatibility of the

system. One of ordinary skill in the art would be motivated to implement the Paul configuration mechanism as a well known PCI adapter to increase the compatibility of the system by enabling the configuration mechanism to be used with any computer systems that include the well known PCI bus architecture.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

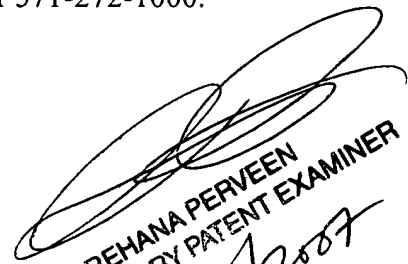
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul B. Yanchus whose telephone number is (571) 272-3678. The examiner can normally be reached on Mon-Thurs 8:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached on (571) 272-3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Paul Yanchus
January 7, 2007


REHANA PERVEEN
SUPERVISORY PATENT EXAMINER
1/8/2007